

Supplemental Table 2: Sex-stratified unadjusted and adjusted associations between frequency of gun carrying and violence, suicide, and substance use-related behaviors and experiences among high school students age <18 - national Youth Risk Behavior Survey (2017 and 2019)

Risk Behaviors	Carried a Gun 6+ Days versus 1-5 Days (ref)					
	Males		P R (9 5 % C I)	Females	Not Stratified by Sex	
	PR (95% CI)	aPR <sup>a</sup> (95% CI)		aPR <sup>a</sup> (95% CI)	PR (95% CI)	aPR <sup>a</sup> (95% CI)
In a physical fight <sup>b</sup>	1.19 (1.00,1.40)	1.15 (0.97,1.37)	1.24 (0.96,1.65)	1.15 (0.86,1.55)	1.19 (1.03,1.37)	1.15 (0.99,1.35)
In a physical fight on school property <sup>b</sup>	1.33 (1.03,1.73)	1.24 (0.95,1.63)	2.02 (1.20,3.41)	1.67 (1.02,2.75)	1.45 (1.15,1.82)	1.30 (1.02,1.67)
Threatened or injured with a weapon on school property <sup>b</sup>	1.21 (0.90,1.64)	1.19 (0.87,1.61)	2.39 (1.49,3.88)	1.34 (0.73,2.47)	1.37 (1.08,1.74)	1.24 (0.96,1.59)

Were electronically bullied <sup>b</sup>	1.03 (0.70,1.51)	1.05 (0.70,1.56)	1.22 (0.7,2.21)	1.10 (0.62,1.95)	0.95 (0.71,1.26)	1.01 (0.74,1.37)
Were bullied on school property <sup>b</sup>	1.10 (0.78,1.56)	1.14 (0.82,1.58)	1.55 (0.9,2.44)	1.48 (0.90,2.41)	1.11 (0.86,1.44)	1.14 (0.87,1.50)
Missed school because felt unsafe <sup>c</sup>	0.98 (0.66,1.46)	1.00 (0.68,1.46)	1.3 (0.65,1.97)	0.92 (0.49,1.72)	0.93 (0.69,1.26)	0.92 (0.67,1.28)
Carried a weapon on school property <sup>c</sup>	2.47 (1.66,3.68)	2.13 (1.41,3.20)	3.3 (1.8,7.42)	2.54 (1.13,5.68)	2.63 (1.90,3.65)	2.26 (1.60,3.20)
Experienced sexual violence by anyone <sup>b</sup>	1.60 (0.94,2.72)	1.64 (1.03,2.61)	1.7 (0.7,2.7)	1.05 (0.56,1.96)	1.01 (0.69,1.49)	1.30 (0.93,1.82)

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Experienced sexual dating violence <sup>d</sup>	1.92 (0.95,3.88)	1.58 (0.80,3.12)	1. 7 3 (0 .8 1, 3. 7 0)	1.46 (0.71,3.02)	1.35 (0.83,2.18)	1.47 (0.94,2.32)
Experienced physical dating violence <sup>e</sup>	1.53 (0.94,2.48)	1.62 (1.02,2.59)	2. 7 4 (1 .4 0, 5. 3 6)	1.89 (0.92,3.88)	1.63 (1.12,2.37)	1.59 (1.08,2.32)
Seriously considered attempting suicide <sup>b</sup>	1.34 (0.92,1.96)	1.47 (1.00,2.14)	1. 5 1 (0 .9 7, 2. 3 4)	1.07 (0.70,1.65)	1.19 (0.90,1.57)	1.34 (1.01,1.79)
Attempted suicide <sup>b</sup>	1.42 (0.83,2.41)	1.48 (0.91,2.42)	2. 5 2 (1 .5 3, 4. 1	1.94 (1.16,3.25)	1.41 (0.91,2.20)	1.56 (1.06,2.29)

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Current binge drinking <sup>f</sup>	1.75 (1.29,2.38)	1.73 (1.28,2.33)	1.59 (0.7,2.61)	1.24 (0.72,2.14)	1.65 (1.27,2.14)	1.65 (1.29,2.11)
Current marijuana use <sup>g</sup>	1.51 (1.24,1.84)	1.42 (1.17,1.73)	1.28 (0.8,2.02)	1.15 (0.84,1.59)	1.44 (1.22,1.70)	1.37 (1.15,1.63)
Lifetime prescription drug misuse <sup>h</sup>	1.44 (1.13,1.84)	1.44 (1.13,1.82)	1.47 (1.06,2.04)	0.95 (0.61,1.48)	1.40 (1.17,1.67)	1.35 (1.11,1.65)
Lifetime illicit drug use <sup>i</sup>	1.22 (0.97,1.52)	1.30 (1.02,1.66)	1.48 (1.1,1.95)	1.22 (0.88,1.70)	1.21 (1.03,1.43)	1.30 (1.07,1.58)
Offered or sold drugs on school property <sup>b</sup>	1.26 (1.00,1.60)	1.28 (0.98,1.67)	0.89	0.60 (0.31,1.17)	1.15 (0.95,1.41)	1.13 (0.90,1.42)

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PR=Prevalence ratio

aPR=Adjusted prevalence ratio.

<sup>a</sup>Models adjusted for age, race/ethnicity and sexual identity.

<sup>b</sup>During the 12 months before the survey.

<sup>c</sup>On at least one day during the 30 days before the survey.

<sup>d</sup>Among students who dated or went out with someone during the 12 months before the survey and answered the sexual dating violence question.

<sup>e</sup>Among students who dated or went out with someone during the 12 months before the survey and answered the physical dating violence question .

<sup>f</sup>Had four or more drinks of alcohol in a row (if they were female) or five or more drinks of alcohol in a row (if they were male) within a couple of hours on at least 1 day during the 30 days before the survey.

<sup>g</sup>One or more times during the 30 days before the survey.

<sup>h</sup>One or more times during the respondent's lifetime.

<sup>i</sup>Lifetime use of at least one of the following: heroin, cocaine, methamphetamines, synthetic marijuana, ecstasy, hallucinogenic drugs, and inhalants.

